

WHAT IS CLAIMED IS:

1. A method of forming a seal pattern for a liquid crystal display device, comprising:
preparing a base substrate including a plurality of liquid crystal display panels;
5 arranging a mask over one of the plurality of liquid crystal display panels, wherein an
opening is provided within the mask;
forming a seal pattern on the one of the plurality of liquid crystal display panels in
correspondence with the opening within the mask;
arranging the mask over one other liquid crystal display panel of the plurality of liquid
10 crystal display panels; and
forming a seal pattern on the one other liquid crystal display panel of the plurality of liquid
crystal display panels in correspondence with the opening within the mask.

2. The method of claim 1, wherein the plurality of liquid crystal display panels are
15 the same size.

3. The method of claim 1, wherein the base substrate is a TFT array substrate.

4. The method of claim 1, wherein the base substrate is a color filter substrate.

20 5. The method of claim 1, wherein forming the seal pattern further includes:
disposing sealant material over a predetermined portion of the mask;
rolling the disposed sealant material over the mask and into the opening.

6. The method of claim 1, further comprising forming alignment marks on the base substrate.

5 7. The method of claim 6, further comprising forming alignment marks at a periphery of the plurality of liquid crystal display panels.

8. The method of claim 6, further comprising forming at least two alignment marks at corners of each of the plurality of liquid crystal display panels.

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9. The method of claim 6, further comprising forming four alignment marks at corners of each of the plurality of liquid crystal display panels.

10. The method of claim 6, further comprising forming alignment marks at corners of
15 the plurality of liquid crystal display panels.

11. The method of claim 6, wherein at least one of the alignment marks is provided as a X-shape.

20 12. The method of claim 6, wherein at least one of the alignment marks is provided as a +-shape.

13. The method of claim 6, wherein at least one of the alignment marks is provided as a rectangular shape.

14. The method of claim 6, wherein at least one of the alignment marks is provided as
5 a circular shape.

15. A method of forming a seal pattern for a liquid crystal display device, comprising:
preparing a base substrate including a first liquid crystal display panel having a first size
and at least one second liquid crystal display panel having a second size different from the first
10 size;

arranging a first mask over the first liquid crystal display panel, wherein an opening is
provided within the first mask;

forming a first seal pattern on the first liquid crystal display panel in correspondence with
the opening within the first mask;

15 arranging a second mask over the at least one second liquid crystal display panel, wherein
an opening is provided within the second mask; and

forming a second seal pattern on the second liquid crystal display panel in correspondence
with the opening within the second mask.

20 16. The method of claim 15, wherein the first size is greater than the second size.

17. The method of claim 15, wherein the at least one second liquid crystal display
panel comprises a plurality of second liquid crystal display panels.

18. The method of claim 17, further comprising:

arranging the second mask over another second liquid crystal display panel, other than the
at least one second liquid crystal display panel; and

5 forming a second seal pattern on the another second liquid crystal display panel in
correspondence with the opening in the second mask.

19. The method of claim 15, wherein the base substrate is a TFT array substrate.

10 20. The method of claim 15, wherein the base substrate is a color filter substrate.

21. The method of claim 15, wherein forming the first seal pattern further includes:

disposing sealant material over a predetermined portion of the first mask;

rolling the disposed sealant material over the first mask and into the opening within the first
15 mask.

22. The method of claim 15, wherein forming the second seal pattern further includes:

disposing sealant material over a predetermined portion of the second mask;

rolling the disposed sealant material over the second mask and into the opening within the
20 second mask.

23. The method of claim 15, further comprising forming alignment marks on the base
substrate.

24. The method of claim 23, further comprising forming alignment marks at a periphery of the first liquid crystal display panel.

5 25. The method of claim 23, further comprising forming alignment marks at a periphery of the at least one liquid crystal display panel.

26. The method of claim 23, further comprising forming at least two alignment marks at corners of the first liquid crystal display panel.

10 27. The method of claim 23, further comprising forming at least two alignment marks at corners of the at least one second liquid crystal display panel.

15 28. The method of claim 23, further comprising forming four alignment marks at corners of the first liquid crystal display panel.

29. The method of claim 23, further comprising forming four alignment marks at corners of the at least one second liquid crystal display panel.

20 30. The method of claim 23, further comprising forming alignment marks at corners of the first liquid crystal display panel.

31. The method of claim 23, further comprising forming alignment marks at corners of the at least one second liquid crystal display panel.

32. The method of claim 23, wherein at least one of the alignment marks is provided
5 as a X-shape.

33. The method of claim 23, wherein at least one of the alignment marks is provided as a +-shape.

10 34. The method of claim 23, wherein at least one of the alignment marks is provided as a rectangular shape.

35. The method of claim 23, wherein at least one of the alignment marks is provided as a circular shape.

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36. A method of forming a seal pattern for a liquid crystal display device, comprising:
preparing a base substrate including first and second regions including a plurality of first liquid crystal display panels having a first size and a plurality of second liquid crystal display panels having a second size, respectively, wherein the second size is different from the first size;

20 arranging a first mask over the first region of the base substrate, wherein openings are provided within the first mask;

forming a plurality of first seal patterns on the plurality of first liquid crystal display panels within the first region in correspondence with the openings within the first mask;

arranging a second mask over the second region of the base substrate, wherein openings are provided within the second mask; and

forming a plurality of second seal patterns on the plurality of second liquid crystal display panels within the second region in correspondence with the openings within the second mask.

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37. The method of claim 36, wherein the first size is greater than the second size.

38. The method of claim 36, wherein the base substrate is a TFT array substrate.

10 39. The method of claim 36, wherein the base substrate is a color filter substrate.

40. The method of claim 36, wherein forming the plurality of first seal patterns further includes:

disposing sealant material over a predetermined portion of the first mask;

15 rolling the disposed sealant material over the first mask and into the openings within the first mask.

41. The method of claim 36, wherein forming the plurality of second seal patterns further includes:

20 disposing sealant material over a predetermined portion of the second mask;

rolling the disposed sealant material over the second mask and into the openings within the second mask.

42. A method of fabricating liquid crystal display panels, comprising:

preparing a base substrate including at least one first liquid crystal display panel having a first size and at least one second liquid crystal display panel having a second size, different from the first size;

5 arranging a first mask over at least one first liquid crystal display panel, wherein at least one opening is provided within the first mask;

forming at least one first seal pattern on the at least one first liquid crystal display panel via the first mask;

arranging a second mask over at least one second liquid crystal display panel, wherein at
10 least one opening is provided within the second mask; and

forming at least one second seal pattern on the at least one second liquid crystal display panel via the second mask.

43. The method of claim 42, wherein the at least one first liquid crystal display panel
15 includes a single first liquid crystal display panel.

44. The method of claim 42, wherein the at least one first liquid crystal display panel includes a plurality of first liquid crystal display panels.

20 45. The method of claim 42, wherein the at least one second liquid crystal display panel includes a single second liquid crystal display panel.

46. The method of claim 42, wherein the at least one second liquid crystal display panel includes a plurality of second liquid crystal display panels.

47. The method of claim 42, wherein opening within the first mask includes a single
5 opening.

48. The method of claim 42, wherein opening within the first mask includes a plurality of openings.

10 49. The method of claim 42, wherein opening within the second mask includes a single opening.

50. The method of claim 42, wherein opening within the second mask includes a plurality of openings.

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51. The method of claim 42, wherein the at least one first seal pattern includes a single first seal pattern.

52. The method of claim 42, wherein the at least one first seal pattern includes a
20 plurality of first seal patterns.

53. The method of claim 52, wherein the forming the plurality of first seal patterns includes sequentially forming individual ones within the plurality of first seal patterns.

54. The method of claim 52, wherein the forming the plurality of first seal patterns includes substantially simultaneously forming the plurality of first seal patterns.

5 55. The method of claim 42, wherein the at least one second seal pattern includes a single second seal pattern.

56. The method of claim 42, wherein the at least one second seal pattern includes a plurality of second seal patterns.

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57. The method of claim 56, wherein the forming the plurality of second seal patterns includes sequentially forming individual ones within the plurality of second seal patterns.

58. The method of claim 56, wherein the forming the plurality of second seal patterns
15 includes substantially simultaneously forming the plurality of second seal patterns.